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XXIX. *A Catalogue of the Fifty Plants from Chelsea Garden, presented to the Royal Society by the worshipful Company of Apothecaries, for the Year 1756, pursuant to the Direction of Sir Hans Sloane, Baronet, Med. Reg. & Soc. Reg. nuper Præses, by John Wilmer, M. D. clariss. Societatis Pharmaceut. Lond. Socius, Hort. Chels. Præfect. & Prælector Botan.*

Read April 28, 1701 **A** Brotanum campestre incanum
1757. Carlinæ odore. C. B. P.

1702 Abrotanum humile corymbis majoribus aureis.
H. Reg. Par.

1703 Acer platanoides. Muntingii histor.

1704 Amelanchier. Lobel.

1705 Anchusa lutea minor. J. B. 3. 583.

Buglossum luteum annuum minimum. Tourn.
134.

1706 Arctotis ramis decumbentibus foliis lineari-lanceolatis rigidis subtus argenteis flore magno aureo pediculo longissimo. Miller's Icons.

1707 Ascyrum magno flore, C. B. 280.

1708 Asphodelus Allobrogicus magno flore Lili
H. L. 65.

1709 Aster caule ramoso scabro perenni foliis ovatis sessilibus pedunculis nudis unifloris. Miller's Icons.

1710 Astragalus repens minor flore cæruleo, filiqua Epiglottidi simili. Index Plant. Boerh.

- 1711 *Barleria inermis* foliis ovatis denticulatis petiolatis. Lin. Sp. Plant. 637.
Barleria solani folio flore coccineo. Plum. nov. gen. 31.
- 1712 *Blitum Kaly minus* album dictum. *Kaly minus* Ger. Emac. 535.
- 1713 *Campanula maxima* foliis latissimis. C. B. 94.
- 1714 *Caryophyllus montanus umbellatus* floribus variis, luteis ferrugineis *Italicus*. Barrel. obs. 648.
- 1715 *Cataria Hispanica Betonica* folio angustiore flore cæruleo. Tourn.
- 1716 *Celastrus spinis nudis*, ramis teretibus, foliis acutis. Hort. Cliff. 72.
Lycium. Boerhaav. Ind. alt. 2. 237.
- 1717 *Cerasus racemosa sylvestris* fructu non eduli rubro. H. R. Par.
Cerasia racemosa rubra. 2. Tabernamont. Icon, 987.
- 1718 *Chamædrys Hispanica tenuifolia multiflora*. H. R. Par. Tourn. 205.
- 1719 *Cherophyllum palustre latifolium* flore albo. Boerh. 70.
Myrrhis palustre latifolia rubra. Tourn. 315.
- 1720 *Chenopodium Stramonii* folio. Vaill.
- 1721 *Cirsium foliis non hirsutis floribus compactis*. C. B. P. 377.
- 1722 *Cirsium maximum Asphodeli radice*. C. B. 377.
- 1723 *Colutea foliolis ovatis integerrimis caule fruticoso*. Phil. Miller's Icons.
- 1724 *Convallaria foliis sessilibus racemo terminali composito*. Lin. Sp. Pl. 315.

- 1725 *Conyza mas Theophrasti major* Dioscoridis. C.
B. P. 265.
Major Monspeliensis odorata. J. B. 2. 1053.
- 1726 *Coriandrum majus*. C. B. 158. Officinar. 145.
- 1727 *Cornus Orientalis sylvestris fructu teretiformi*.
T. Cor.
- 1728 *Crithmum, five Fæniculum maritimum, minus*.
C. B. 288. Offic. 152.
- 1729 *Crocus sativus*. C. B. 65. Officinar. 152.
- 1730 *Cyclamen vernum minus orbiculato folio, in-*
ferne rubente, flore minore ruberrimo.
Mor. Hist. 3. 551.
- 1731 *Elichrysum graveolens acutifolium alato caule*.
Hort. Eltham.
- 1732 *Gramen spica aristata*. Lin. Sp. Pl. 83.
Gramen loliaceum spica longiore lolium Diof-
coridis. C. B. P.
- 1733 *Leucanthemum Tanaceti folio, flore majore*.
Boerh. 107.
Matricaria Tanaceti folio, flore majore, semine
umbilicato. Tourn. 493.
- 1734 *Meadia*. Catesby Hist. Car. 3. p. 1. Dodeca-
theon. Lin. Sp. Pl. 144.
- 1735 *Medica magno fructu, aculeis sursum et deor-*
sum rendentibus. Tourn. 411.
- 1736 *Moscatellina foliis fumarie bulbosæ, de qua*
Cordus. J. B. 2. 206.
Radix cava minima viridi flore. Ger. 933.
- 1737 *Narcissus Illyricus Liliaceus*. C. B. P. 55.
Pancratii Monspeliaci Hemerocallidis Valen-
tinæ facie. Lilio-narcissus, vel Narcissus ter-
tius Matthioli. J. B. 2. 613.

- 1738 *Osmunda vulgaris* et palustris. Tourn. 547.
Filix ramosa non dentata florida. C. B. P. 357.
- 1739 *Papaver laciniato folio capitulo hispido rotundiore.* Tourn.
Argemone capitulo rotundiore. Park. 369.
- 1740 *Papaver Orientale hirsutissimum magno flore.*
Tourn. Cor. 17.
- 1741 *Periclymenum perfoliatum Virginianum sempervirens et florens.* H. L. B.
- 1742 *Phillyrea, Oleæ Ephesiæ folio.* Pluk. Phyt. Tab. 310. fig. 5.
- 1743 *Phlomis Lychnitis.* Clus. Hist. 27.
Verbascum sylvestre Monspeliense flore luteo hiant. J. B. 3. 307.
- 1744 *Polygonum foliis cordatis caule volubili, floribus carinatis.* Lin. Sp. Plant. 364.
Fagopyrum scandens Americanum maximum. Tourn. Inst.
- 1745 *Saxifraga sedi folio, flore albo, multiflora.* T. 252.
Sedum Pyrenaicum pyramidale longifolium elegantissimum. Schol. Botan. Par.
Sanicula Pyrenaica longifolia multiflora elegantissima. H. L.
- 1746 *Serratula Noveboracensis maxima foliis longis ferratis.* Hort. Eltham. 355.
- 1747 *Thalictrum minus.* C. B. P. 337.
Thalictrum minus seu Rutæ pratensis genus minus semine striato. J. B. 3. 487.
- 1748 *Verbascum fœmina flore luteo magno.* C. B. 239.
- 1749 *Vicia leguminibus sessilibus reflexis pilosis solitariis pentaspermis corollæ vexilis glabris.* Lin. Sp. Pl. 736.

Vicia leguminibus folitariis deorsum flexis hirsutis. Sauv. Monspeliens. 235.

1750 Ulmus folio latissimo scabro. Ger. Emac. 1481.
Latiore folio. Park. 1404.

XXX. *Remarks on the Opinion of Henry Eeles, Esq; concerning the Ascent of Vapour, published in the Philosoph. Transact. Vol. xlix. Part i. p. 124. By Erasmus Darwin, M.D. Communicated by Mr. William Watson, F.R.S.*

To Mr. William Watson, F.R.S.

S I R,

THE inclosed papers were designed for the perusal of the Royal Society; being an endeavour to confute the opinion of Mr. Eeles about the ascent of vapours, published in the last volume of their Transactions. But the author, having no electrical friend, whose sagacity he could confide in, has at length prevailed upon himself to be so free to send them to Mr. Watson; to whom the world is so much indebted for the advancement of their knowlege in electricity.

Whence, Sir, if you should think, that these papers have truth, the great Diana of real philosophers, to patronize them, you will confer a favour upon me, by laying them before that learned Body. If, on the contrary, you should deem this confutation trifling

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